

What Does Juneau County Health Department Do For You?

Serving Our Community Since 1925



2010 Annual Report

TABLE OF CONTENTS

Message from the Health Officer	2	Limited Agent Program	15
Comments from Our Clients	3	Transient Non-Community Water Testing	15
What Does Juneau County Health Dept Do For You and Your Community?	4	WI Dept of Ag and Consumer Protection Agent Retail Food Program	16
<u>2010 PROGRAMS AND SERVICES</u>		EH and Blood Screening Grant	16
Community Needs Assessment	5	EPSTD-Immunization Reserve Account	16
Disease Control and Prevention	5	Tobacco Coalition Grant	16
Public Health Preparedness	6	WI Medicaid Claiming Reimbursement	16
Immunizations for Children and Adults	6	MCH/Day Care Grant	16
Mother, Child and Family	6	Prenatal Care Coordination	16
Prenatal and Postnatal Care	6	VIP Immunization Grant	16
Injury Prevention Program	7	FACT Fundraising	16
Nutrition WIC	7	FACT Grant	16
HealthCheck Program	8	WIC Grant	17
Oral Health	8	WIC Breastfeeding	17
Wisconsin Well Women Program	8	Donations to Breastfeeding Coalition	17
Community Human Health Hazards	9	WWWP Grant	17
Water Quality Issues	9	WWWP Screening Reserve	17
Food Safety Programs	9	CWSHCN Grant	17
Limited Agent Agreement	9	Car Seat Grant	17
Radon Awareness/Testing	9	Public Health Preparedness	17
Tattoo and Piercing	10	WWWP HIPAA Grant	17
Rabies Prevention Control	10	First Breath Grant	17
Childhood Lead Testing	10	Badger Care Plus	17
Tobacco Control and Prevention	10	PHER I & II	18
School Health	11	PHER III	18
<u>WHAT'S NEW FOR 2010</u>		Seal-A-Smile	18
Seal-A-Smile	11	Immunizations ARRA	18
ARRA Immunization Initiative	12	ARRA-Indoor Air	18
Smoking Prohibition Ordinance	12	Bioterrorism Consortium	18
Air Quality Study	12	Seal-A-Smile Carryover	18
Other 2010 Public Health Statistics	13	TB Incentive Program Carryover	18
Staff and Board of Health Members	14	2009 WI WINS Carryover	18
<u>FISCAL REPORTS</u>		<u>ADDENDUMS</u>	
Public Health Fiscal Report	15	County Health Rankings	19
Prevention Block Grant	15		
Radon Grant	15		
Asbestos Grant	15		
Air Quality Grant	15		

Message from the Health Officer

The 2010 Annual Report of Juneau County Health Department provides a snapshot of the many ways in which our department touches the lives of 27,774 Juneau County residents each and every day and provides an answer to many who ask us, “What does Public Health do?”

Although public health programs and activities may not often be visible, public health staff can frequently be found working behind the scenes on our mission to protect, promote, and maintain the health of our entire population. The 10 Essential Services of Public Health can provide a basic description to others as to “What does Public Health do” and the services provided by our department.

Given these current tough economic times, it is important to understand how public health services are a key investment strategy to help create healthy populations, save lives, decrease medical care costs, and promote the economy.

Everywhere, policy makers are facing tight budgets, making tough choices, prioritizing needs, and focusing on creating a vibrant economy to help improve the standard of living for their constituents. A vibrant economy is the direct result of successful businesses. For businesses, however, to truly obtain success and be competitive, they require a healthy population. A correlation can be made between a healthy or an unhealthy population, resulting in both a healthy or unhealthy workforce and its positive or negative effect on the business and the economy. An unhealthy workforce, as a result of having an unhealthy population, will impact job performance, productivity, foster high levels of absenteeism, increase recruitment or retaining needs, and escalate the health insurance costs of the business. These effects will be a burden for the workplaces, families, friends, and the community in which the unhealthy population resides.

In striving for healthier populations, health departments have an important function. They have a key role and responsibility in building, enhancing, and working in partnerships with many community members, hospitals, schools, policy makers, businesses, faith-based, etc. to provide the tools to create a healthy and safe place for all residents to live and improve their health status.

The Board of Health, public health staff, and I would like to thank everyone who has worked with us to help us attain many of our program goals for 2010. We look forward to another great year with the commitment to strengthen our services and partnerships.

Respectfully yours,

Barb Theis
Health Officer, Juneau County Health Department

10 Essential Services of Public Health

- ① Monitor health status and understand health issues facing the community.
- ② Protect people from health problems and health hazards.
- ③ Give people information they need to make healthy choices.
- ④ Engage the community to identify and solve health problems.
- ⑤ Develop public health policies and plans.
- ⑥ Enforce public health laws and regulations.
- ⑦ Help people receive health services.
- ⑧ Maintain a competent public health workforce.
- ⑨ Evaluate and improve programs and interventions.
- ⑩ Contribute to and apply the evidence base of public health.

Comments From Our Clients

*“Interacting with an adult was my favorite part of the home visit. We received a car seat. Big help for the infant! They even installed it properly. That was great!” – **PNCC Client***

*“Today I came in for the first time to sign up for WIC. You were all so nice and extremely helpful. Thank you for making us feel so welcome and for the time you spent explaining everything. It is so nice to encounter such wonderful people.” – **WIC Client***

*“The nurse did a great job! She’s always a big help. – **PNCC Client***

*“I just wanted to let all of you know how much we appreciated your presentations during our 2010 WCLN Regional Meetings. It was wonderful for laboratories to learn more about what you do with the reportable disease reports they submit. I think that many people, including myself, were surprised by all the follow-up you do and will now be more willing to submit reports as quickly as possible.” – **Wisconsin Clinical Laboratory Network Assistant Coordinator***

*“PNCC offered me a chance to ask questions and receive answers as they came up in conversation, which I most likely wouldn’t have if not for the nurse’s visit.” – **PNCC Client***

*Thank you for your support. Kmart’s Safety Event was a great success. Your Child Safety program has an enormous outreach, and I am proud to have assisted you in bringing awareness to the community. It would not have turned out so wonderful without you.” – **Loss Prevention Lead, Kmart***

*“The Health Department got us all an H1N1 vaccination when the doctor’s office couldn’t get us in for an appointment.” – **PNCC Client***

*“We love the new car seat and appreciate your helping us install it!” – **Car Seat Recipient***

What does Juneau County Health Department do for you and your community? Dozen of things, but most people don't realize how many vital services they receive from their local health department. The benefits have become such an integral part of the American standard of living that most people take them for granted.

Protecting, Educating, and Providing

Public Health is the science of protecting and improving the health of communities through education, promotion of healthy lifestyles, and research for disease and injury prevention. Public Health focuses on improving the health of the general population (population-based) through broad-based interventions, and is equally as important to the health care system, which primarily focuses on the treatment of ill individuals. The population-based services provided by public health departments are a major contributor to the overall improvement of a community's health status.

Protects the community from health threats, the everyday and the exceptional.

Juneau County Health Department guards multiple fronts to defend you and our community from any



health threat, regardless of the source, and works to prevent disease outbreaks. The Health Department's Environmental Health Specialists ensure the tap water that everyone

drinks, the restaurant food everyone eats, and the air everyone breathes is all safe. Public Health Staff are ready to respond to any health emergency—be it bioterrorism, food-borne outbreak, West Nile Virus, or an environmental hazard.

Educates you and your neighbors about health issues.

Juneau County Health Department provides information that allows people to make healthy decisions every day, like exercising more, eating right, quitting smoking, or simply washing their hands to keep from spreading illness. Public Health Nurses and Educators provide this information through public forums in our community, public service announcements in the media, programs in schools, health education in homes and clinics, and detailed websites. During a public health emergency,



Juneau County Health Department provides important alerts and warnings to protect your health and our community's health.

Juneau County Health Department has an ongoing preparedness educational campaign presented every year to the 5th graders attending Juneau County schools. The 2010 presentation was "Are You Ready", a one hour interactive session emphasizing how to make a disaster/emergency kit.

Provides healthy solutions for everyone.



Juneau County Health Department offers the preventive care needed to avoid chronic disease and to help maintain health. Public Health Nursing provides flu shots for the

elderly and target groups, and helps mothers obtain prenatal care that gives their babies a healthy start. Juneau County Health Department also helps provide children with regular check-ups (HealthCheck), immunizations, and good nutrition to help them grow and learn.

Advances community health.

Juneau County Health Department and its governing Board of Health plays a vital role in developing new policies and implementing evidence-based practices that address existing and emerging challenges to your community's health while enforcing a range of laws intended to keep everyone safe. The Health Department is constantly working through research and rigorous staff training—to maintain its unique expertise and deliver up-to-date, cutting-edge health programs while evaluating program effectiveness. These efforts cannot be done alone, but through community partnerships focusing on health priorities identified in the community.

Our 2010 Programs and Services:

Community Needs Assessment:

State Statute HFS 140.04 requires each local health department to develop with their community stakeholders a plan to improve the health of its population. ***Creating Healthy Rural***

Communities, our 2009 Community Health Needs Assessment and Health Improvement Plan, details a partnership plan developed to focus on improving the health of Juneau County residents for the years 2009-2014. The plan provides strategic direction through evidenced-based research for collective action with community individuals and partnerships for the following health priority areas:

- Parenting
- Health literacy
- Health care Access and Resources

The Creating Healthy Rural Communities' Health Improvement Plan provides a synergy of efforts and resources by engaging a diverse group of citizens and partnerships in the implementation process, overall impacting the quality of life for Juneau County residents. The Steering Committee elected to use the ***County Health Rankings report as a foundation for monitoring any progress for improvement in the health of Juneau County residents. Please see Appendix A: Snapshot of Juneau County, County Health Rankings.***

Successes in 2010 include:

- Mauston Dental Center provided access to dental care for **2,844** residents on Medical Assistance and others.
- United Way's 2-1-1 continues to market itself in Juneau County. 2-1-1- is a free confidential 24-hours a day, 7-days a week, resource for community information and referrals for non-emergency assistance. Residents can dial 2-1-1 by phone or access the service on line at www.getconnected211.org
- Two evidenced-based health literacy programs, Reach Out and Read and Ask Me Three, began being implemented at the Mile Bluff Medical Center. Ask Me Three training took place for **66** healthcare professionals.

- A community garden sponsored by many local agencies was expanded in the Mauston Community
- Mile Bluff Medical Center continues their commitment to address the health care access for the uninsured. They offer discounted services for low-income uninsured patients.
- Early Head Start services in Juneau County were expanded.
- A coalition was initiated to address homelessness issues in young families.

Disease Control and Prevention

We track communicable disease through a channel of communications at the local, state, and regional levels between public health, private physicians, hospitals, and labs. This communication channel allows for prompt investigation of possible outbreaks and unusual situations, and to implement control measures to minimize further transmission of disease to others. In 2010, Juneau County Health Department's disease control staff received **120** reports of communicable diseases such as Campylobacter, Hepatitis C, and Lyme disease and **71** reports of STD's.

Frequency of Report Diseases in Juneau County	2010
Chlamydia	69
Lyme Disease	49
Lyme Disease, suspected	3
Campylobacter	18
Hepatitis C	19
Cryptosporidium	12
Ehrlichiosis	5
Streptococcus pneumonia, invasive	1
Giardia	1
Streptococcal disease (group b)	1
Salmonella	4
Meningitis, bacterial	0
Pertussis	0
Blastomycosis	1
Gonorrhea	2
Shigella	1
Arboviral Disease/Denge	1
Non TB mycobacterial Disease	3
Hepatitis B, Chronic	1

Public Health Preparedness

The health department is prepared to respond to all public health emergencies with a plan of action and a system of communication with community responders. This response includes **detecting** disease outbreaks; **investigating** to determine what the risks are to the public and who may have been exposed; **informing** the public and professionals of the specific disease threats and how to protect themselves and others; **isolating or quarantining** affected individuals as appropriate; **providing medications or vaccinations** to people at risk in the population.

Juneau County Health Department's ongoing preparedness efforts includes achieving 14 performance measures set by the Centers for Disease Control and Prevention that determines an agency's readiness to respond to a public health emergency. In addition, the public health staff meets the Core Preparedness Competencies for Public Health Workers.

"By failing to prepare, you are preparing to fail."
- Benjamin Franklin

In July 2010, the Juneau County Public Health Preparedness Partners conducted a table top exercise, "Tornado Preparedness: What is Everyone's Role".

As a result of this exercise, suggestions have been made to improve communications within the County Emergency Operations Center.



Juneau County Health Department initiated a program to provide American Red Cross Disaster Preparedness Backpacks to high risk prenatal care clients, because preparedness planning is often financially an unrealistic priority. The feedback has been very positive.

Immunizations for Children and Adults

Immunization is one of the most important public health victories of the 20th century – defeating or sharply reducing disease such as smallpox, polio, measles, diphtheria, rubella, pertussis (whooping cough) and other diseases. However, many organisms that cause these diseases have not been eliminated, and they could reemerge if vaccination levels drop.

In 2010, Juneau County gave a total of **2,887** immunizations to children and adults. Through the state of Wisconsin Vaccine for Children's Program, Juneau County receives vaccines that are given at no charge for children up to the age of 19 years. In addition to children's vaccinations, we offer Tetanus booster shots, MMR, Hepatitis B, pneumococcal and influenza vaccine to adults.

Mother, Child, and Family

Infant mortality is an important measure of a community's health. Our prenatal and postnatal programs aim to help families support their children's healthy growth and development. Research indicates that families participating in these programs have healthier babies, improved their parenting skills, developed positive community relationships, children have less behavior problems, and there is a reduction in tobacco exposure and alcohol use.

Prenatal and Postnatal Care



Juneau County provides an informal parent and baby home visit from a public health nurse to assist families after the birth of their baby whether it is their first baby or they already have children. Mothers receive support and education, baby weight checks, health teaching on

parenting and child development, and referrals to community services.

The health department provides access to medical, social, educational, and other services to pregnant women who are considered high risk for adverse pregnancy outcome through our Prenatal Care Coordination Program. Although Prenatal Care Coordination is limited to those who receive Medicaid, Juneau County Health Department follows all high-risk pregnancies. The components of these programs are outreach, physical and emotional assessments, care plan development, ongoing care coordination and monitoring, health education, smoking cessation support program (First Breath), and nutrition counseling. In 2010, a total of **112** women were screened for the program, **90** women participated in PNCC, and **297** referrals were made.

Injury Prevention Program

Injuries are a significant public health problem in Juneau County, Wisconsin, and the nation, causing needless pain and suffering as well as emotional and financial stress. Each year, injury accounts for about 54,077 hospitalizations in Wisconsin and 352 in Juneau County. The five leading causes of injury deaths in Juneau County are: firearms, falls, poisoning, suffocation, and motor vehicle traffic crashes (occupant). Injury prevention education is integrated into public health services provided to families and children.



In 2010, the Health Department utilized the Maternal Child Health funding to expand on injury prevention programming. The three areas of concentration were Child Passenger Safety (car seats), Home Safety Assessments, and Crib Education Program.

Child Passenger Safety – In 2010, Juneau County, provided car seat inspections to 112 families. Of those inspections 98.2% presented with misuse. The top five errors found during inspections were that the seat was unsafe for use, seat not installed at time of check, inappropriate seat for height, weight and/or age, moves more than one inch from side to side when secured by belt in vehicle, and loose harness straps when child secured. A total of 59 car seats were distributed to families through a Department of Transportation Grant, and the Prenatal Care Coordination Program.

Home Safety Assessments - The Juneau County Health Department provided 10 Home Safety Inspections to families with children in the household in 2010. The home safety assessment allowed families the opportunity to walk through the home with a health educator to evaluate different health hazards that potentially could cause future or immediate concerns. This grant also allowed the health department to provide some basic safety items to help decrease health hazards in the home. These items included electrical plug outlets, smoke detectors, carbon monoxide detectors, safety latches for cabinets, and locked boxes for medications. Information was also provided to the family on topics such as fire safety, poison control, fall prevention, and

water safety. In all of the home safety inspections we were able to demonstrate a decrease in health hazards.

Crib Education Program – This year the Juneau County Health Department completed an application and was accepted to participate in the National Cribs for Kids Campaign. This Campaign provided the Health Department with materials to utilize in creating a local crib safety education program. We were able to work with a variety of community organizations including WIC, Family Resource Center, Hess Memorial Hospital OB department and all local medical clinics to make sure that everyone was using the same message. Informational handouts were developed and distributed to approximately 2,000 families. Medical providers were provided information on safe infant sleep as well. Two families in Juneau County received cribs through this grant to promote safe infant sleep.

Nutrition WIC

WIC is the Special Supplemental Nutrition Program for Women, Infants, and Children. WIC helps income-eligible pregnant and breastfeeding women, women who recently had a baby and infants and children up to five years of age who are at health risk due to inadequate nutrition. Studies have shown that moms on WIC during their pregnancy have lower infant mortality by reducing the risk of low birth weight babies. Infants and children get a healthy start in life by providing an adequate diet.



The WIC Program provides essential foods and nutrition education for women during the prenatal period that extends throughout the life of the child. In 2010, Juneau/Adams County WIC averaged **1,332** clients per month. During 2010, a total of **326** referrals were made, which included **83** for well water testing, **55** for fluoride supplements and varnishes, **71** for food assistance programs, **79** for dental services



The best way for a mom and baby to start their lives together is by breastfeeding. WIC supports this and works with all moms during the prenatal and post-partum period to encourage and support their success. During 2010, Juneau/Adams WIC was above the state average for mom’s breastfeeding through the first six months of life, with 72.2% of moms offering breastmilk at birth.

Nutritious foods are provided monthly to WIC eligible families. Juneau and Adams County vendors had \$507,686.33 of WIC checks spent in their stores. To encourage increased use of fruits and vegetables, local Farm Market vendors accepted \$6,235 of WIC checks during the farm market season.

2010 Client Nutrition Contacts	
Certifications.....	2421
Follow-up Nutrition Contacts.....	4517
Breastfeeding Peer Counselor Contacts.....	<u>114</u>
Total Nutrition Contacts	7052

HealthCheck Program

Juneau County Health Department provides HealthCheck exams to medical assistance children age birth to 21 years of age. HealthCheck exams include a head-to-toe physical screening, as well as screening for growth and development, dental health, hearing and vision, anemia, nutrition, and lead. Age appropriate immunizations are also administered during the visit. Public Health provides this service with a strong focus on anticipatory guidance and teaching as well as case management to ensure



2010 HealthCheck Screenings Statistics	
Total Screenings in HealthCheck Clinic.....	99
Total children receiving HealthCheck Exam... .	17
Total fluoride varnishes applied.....	82
# children needing dental home.....	6
# children requiring dental care.....	9
Total children referred for further evaluation and/or treatment.....	19
Total children completing referral follow up.....	17
Total number of children requiring treatment	10

follow up of abnormal screenings with the appropriate referral provider. HealthCheck identified abnormalities requiring 19 referrals in 2010. The application of fluoride varnish to children age 9 months up to 6 years is an additional service that is also offered through HealthCheck. This screening

includes a dental assessment, anticipatory guidance, fluoride varnish application, and dental referral. Eighty-two fluoride varnishes were applied through the Juneau County Health Department in 2010.

Oral Health

Oral health is essential to the general health and well-being of all Wisconsin residents and can be achieved by all. Virtually everyone will have some sort of dental problem during his or her life, but regular dental care can prevent minor problems from becoming major ones. In children, the immediate consequences of poor oral health can result in psychological and social stressors, self-esteem, difficulty eating, swallowing, and speech. Dental services for children can be a problem due to the lack of finances or dental access for medical assistant enrollees.

In 2010, the Juneau County oral health program provided 58 fluoride supplements to area children who do not have fluoride in their drinking water. Fluoride varnishing is applied to the teeth of infant and children under the age of 6. Fluoride varnish is a protective coating that is painted on teeth by a public health nurse to help prevent new cavities and to help stop cavities that have already started. Eighty-two fluoride varnishes were applied through the Juneau County Health Department in 2010.



Wisconsin Well Women Program

The goals of the Wisconsin Well Women Program (WWWP) are to improve access to preventive health services and eliminate preventable death and disability from breast and cervical cancer. Juneau County provides uninsured women ages 35-64 with preventive health screening services. Well Woman pays for mammograms, Pap tests, certain other health screenings, and multiple sclerosis testing for women with high-risk signs of multiple sclerosis. In 2010, we provided breast and cervical cancer screenings services to 74 Juneau County residents (52 mammograms, 60 clinical breast exams and 52 Pap smears).



Here in Juneau County and around the state of Wisconsin, WWWP saw a decrease in numbers of women served because of the state's implementation of BadgerCare Plus Core. Many of the women utilizing Well Woman qualified for this new program and made the transition to a much more comprehensive health care coverage. Outreach efforts have been put in place to help increase WWWP utilization.

Case management services were provided to 17 WWWP clients in Juneau County in 2010. WWWP clients also receive case management services for abnormal screening results. Case management includes patient advocacy, identifying resources for financial assistance or other supports to remove barriers to services, facilitating appropriate referrals, and working with other providers and agencies to resolve pending issues. Uninsured women diagnosed with breast or cervical cancers receive assistance with the application process for the treatment program, Wisconsin Well Woman Medicaid.

Community Human Health Hazards

To protect the health of the citizens of Juneau County, we investigate situations with the potential of a human health hazard and bring health hazards that are not regulated by other governmental



agencies to resolution. Enforcement of the Human Health Ordinance is the role of Juneau County Board of Health, the Health Officer, and Environmental Specialist. If a human health hazard is found, the Health Department works with the owner to ensure safe removal of the hazard. If an owner does not comply with removal of the hazard, a citation may be issued.

2010 Human Health Hazards		
Type	Contacts	# Problems
Air Quality	63	31
Water	305	140
Housing	218	97
Solid Waste	99	33
Asbestos	14	6
Lead	48	11

Water Quality Issues

Safe, clean water is one of the most important substances in our lives- -for drinking, cooking, bathing and cleaning. Municipal water systems test their water regularly to ensure it is safe, but it's up to private well owners to test their well water annually. In 2010, we provided 175 water test kits to Juneau County residents. Also, through a contract with the Wisconsin Department of Natural Resources, 100 transient non-community water supplies were tested and 1 new well inspected in the county ensuring safe and dependable water to the public.

Food Safety Programs

The Juneau County Health Department is the designated agent of the State of Wisconsin Department of Agriculture, Trade, and Consumer Protection (WDATCP) to assure safe and sanitary retail food facilities and retail food products. This program has been adopted to protect the public health, safety, and welfare of all persons in Juneau County. Facilities inspected include supermarkets, groceries, delis, and other retail food establishments which sell for retail potentially hazardous food products. In 2010, 50 Juneau County facilities were inspected.

Limited Agent Agreement

To assure safe and sanitary facilities and Category I food products for the citizens of Juneau County, the Limited Agent Program inspects annually the following facilities designated by the Department of Health and Family Services: campgrounds, hotels, motels, tourist rooming houses, pre-packaged food establishments, vending machines, vending equipment, and Category I restaurants. There were 150 contracted inspections done in Juneau County in 2010.

Radon Awareness/Testing

Radon test kits are offered to Juneau County residents at a low cost. Out of the 28 homes tested in Juneau County in 2010, there was one exposure in the 9-19pCi/L which was considered above average for residential structures

Tattoo and Piercing

On October 20, 1998, the County Board of Supervisors adopted Ordinance #98-01, creating a local agent enforcement program for regulation of tattooing and body piercing. The Juneau County Board of Health was the sponsor of the ordinance. One tattoo/piercing establishment was licensed in 2010 for Juneau County.

Rabies Prevention Control

The Juneau County Health Department and the local county law officers have developed an effective local Rabies Prevention Control Program. The goals of the program are to provide a uniform county-wide response to animal bite complaints, prevent human exposure to rabies by eliminating rabid animals, and encourage exposed persons to receive proper wound care and appropriate passive and active immunizations.

Juneau County rabies prevention control efforts include providing a wide variety of services to any resident of Juneau County as appropriate and/or any individual bitten while in this county’s jurisdiction. Some of those services include but are not limited to the assessment of any and all individuals bitten to assure proper wound care/treatment, vaccinations status, and follow up, contact all pet owners and inform them of their responsibilities regarding follow up of their animal(s), and verify with veterinarian services the observation and/or quarantine of the animal. We also report any non-compliance to the local law authorities.

Juneau County works to coordinate and communicate with the physicians of the exposed individual on the status of animal, current protocol of the State Lab of Hygiene, and the epidemiology follow-up as needed. We also coordinate follow-up with the local veterinarian, law enforcement officials and, if needed, the State Epidemiologist. This is in addition to individual follow up to exposed individuals. The Juneau County Health Department also provides the public with education on rabies prevention through newsletters and other educational handouts.

2010 RABIES CONTROL STATISTICS

- Number of animal bite complaints.....54
- Number of contact visits to complete follow-up.....223
- Percentage of animals **with** current rabies vaccinations at the time of bite.....54%

Childhood Lead Testing

There is no safe level of lead in the human body; even very low levels of lead exposure can cause permanent brain damage and negatively affect health throughout the child’s life, especially those between 6 months and 6 years of age. Many lead hazards still exist in homes and the environment, including paint, vinyl mini-blinds, chalk, candlewicks and others. These hazards are commonly present during painting and remodeling of pre-1978 housing.

The Centers for Disease Control and Prevention defines lead poisoning as a blood lead level of 10 or greater. In Juneau County, children with a lead level of 10 or greater are provided with follow-up and consultation by a Public Health Nurse. Follow-up may include phone calls, home visits, consultation with the primary health care provider, and a home lead risk assessment by the Health Department's Environmental Health Specialist. The ultimate goal is to reduce environmental lead exposure and lead poisoning.

2010 Juneau County Blood Lead Testing	
Total Number of Tests	348
Tests < 10 ug/dl	348
Tests 10 to 19 ug/dl	0
Test >20 ug/dl	0
Home Investigation Inspections	17

Tobacco Control and Prevention

Tobacco is the single leading preventable cause of death in the United States. In Wisconsin alone, an estimated 7,215 people die annually from illnesses directly related to smoking and approximately 853 die from illnesses and fires indirectly related to smoking, for a total of 8,068 annual deaths in Wisconsin. Tobacco claims more lives than drugs, alcohol, firearms, and motor vehicle accidents combined.

The good news is that tobacco prevention programs work by taking a comprehensive and evidence-based approach to prevention through environmental policies and strategies. On the other hand though, funding for the state Tobacco Prevention and Control Program was cut by 55%, forcing local coalition restructuring, and scaling back on many of



the most effective means of fighting tobacco use. The funding for tobacco control and prevention dollars for 2010 became a competitive grant process. Through this process a multi-jurisdictional coalition needed to be developed. Adams, Juneau, Richland and Sauk counties came together and were awarded this grant. A new coalition was formed: the South Central Wisconsin Tobacco Free Coalition. Mission Statement: The South Central Wisconsin Tobacco Free Coalition aggressively pursues the elimination of tobacco use by partnering with communities to prevent tobacco use among youth, eliminate second-hand smoke, and support local and state policies that encourage tobacco prevention.

On July 5, 2010, Wisconsinites celebrated a new kind of independence – independence from second hand smoke. Wisconsin’s long awaited Smoke Free Air Law took effect to celebrations across the state, as workers finally claimed their right to healthy air in worksites and public places. After July 5th the coalition worked closely with local law enforcement regarding enforcement and monitoring of this new law. Also in 2010, coalition members were involved in meeting with state representatives, writing letters to the editor, and educating the community about other tobacco products on the horizon. A group of Mauston High School students joined together to form a FACT (Fighting Against Corporate Tobacco) group. This group is continuously conducting activities to educate their peers about the tobacco industry’s marketing techniques to attract them as new, young users.

In 2010, Juneau County completed **49** tobacco compliance checks with **five** tobacco license holders selling to minors. Also, **68** residents of Juneau County called the Wisconsin Tobacco Quit Line for counseling to help them quit.

Juneau County Tobacco Use (percentage)	
Youth(High School)	20.7%
Adult	19%
Pregnant Women	26.7%
Source: 2010 Burden of Tobacco in Juneau County	

School Health

The health, well-being and safety of children in the school district are a top priority for the Health Department. Juneau County public health nurses play a crucial role in a child's health care needs at school, home, and in the community. Quarterly meetings are held to bring together school nurses from all districts to discuss issues that affect students and can lead to potential health problems. Healthy children are successful learners.

The Juneau County Health Department contracts with two parochial schools and provides hearing and vision screenings.

The health department reinforces the state statute requiring all students through grade 12 to meet minimum immunization requirements. These requirements can only be waived for reasons of health, religion, or personal conviction.

School districts having fewer than 99% of their students in the school district in compliance with the Immunization Law need to exclude from school any student not in compliance.



What's New for 2010

Seal-A-Smile

In April 2010, the Juneau County Health Department offered a pilot school-based dental sealant program to the Necedah School District. Portable dental equipment was purchased through grant funding. A contracted dental hygienist and dental assistant provided exams, oral health education, sealants, and fluoride varnishes to eligible children. The target population of the Seal-A-Smile program was children in 2nd, 3rd, and 5th grade. A fluoride varnish was applied a second and third time at a later date by the RDH from *A Fluoride Connection*. Case management of those children with identified dental needs was assured through follow-up by a PHN. During the 2009-2010 school



years, 85 children received services and 241 sealants were placed.

Due to the great success and positive feedback from the Necedah pilot program, we were excited to expand the Seal-A-Smile Program to include the New Lisbon, Necedah, and Mauston school districts during the 2010-2011 school years. In 2010, the school districts of New Lisbon and Necedah (2nd and 5th grades only) were completed. In New Lisbon, 85 children participated and 190 sealants were placed. In Necedah, 59 children participated and 214 sealants were placed.

ARRA Immunization Initiative

In 2010, Juneau County received ARRA funding from the federal government to be utilized to reach underserved populations in the area of immunizations. Juneau County chose to focus outreach and immunization efforts on Tdap and HPV vaccine to certain adult populations.

The Tdap vaccination includes protection against tetanus, diphtheria, and pertussis. This vaccination was licensed in 2005 following a marked increase in pertussis among adolescents and adults in 2004 totaling 15,000 cases nationwide. Infants are especially vulnerable to the pertussis bacterial infection which can lead to violent coughing, difficulty breathing, pneumonia, and even death. Juneau County chose to focus on distributing Tdap vaccine to adult household contacts of infants. Providing the adult caregiver with the vaccine lessens the likelihood of the adult passing pertussis to the infant. Adult close contacts of infants were outreached through WIC, mailings to all parents of infants residing in Juneau County, and outreach materials distributed in Juneau County. In 2010, Juneau County provided 96 Tdap vaccinations to household contacts of infants.

The HPV vaccination protects against the Human Papillomavirus which causes genital warts and cervical cancer. The vaccine provides protection against two types of HPV which cause about 70% of cases of cervical cancer and 90% of cases of genital warts. Vaccinated women should continue to receive cervical cancer screening as the vaccine does not protect against all types of HPV. The vaccination is given in a three-dose series over a period of six months. Juneau County chose to outreach and distribute HPV vaccine to the 18-26 year old age

group. This population was outreached through WIC, the Juneau County jail, and area medical clinics. In 2010, Juneau County provided 36 HPV vaccinations to the 18-26 year olds.

Smoking Prohibition Ordinance

In October 2010, the County Board of Supervisors adopted Section 11.04 of the Juneau County Code of Ordinances, the Smoking Prohibition Ordinance. They took the leadership in adopting the ordinance to help provide protection from second hand smoke to the residents of Juneau County and will allow local law enforcement the ability to enforce the state smoke free air law and keep citation revenue local.

Air Quality Study

Air quality samples taken in more than 200 Wisconsin bars and restaurants that had previously been found to have “Unhealthy” air showed a 92% improvement after enactment of Wisconsin’s Smoke-Free Air Law, according to a study by the Wisconsin Department of Health Services (DHS) and the UW Carbone Comprehensive Cancer Center. The study looked at air quality data recorded in businesses before and after the law’s July 5th implementation. Juneau County’s average air quality (micrograms/cubic meter) in bars and restaurants before tested at 66 particles and after the implementation of Smoke-Free Air tested at 3 particles.

Other 2010 Public Health Statistics

	# Clients
Case Management of Children with Special Health Care Needs	9
BadgerCare Plus Families Assisted	50
TB Skin Tests Administered	105
Clients Followed on Latent TB Program	6
Drug Screens Provided	47
Alcohol Screens Provided	6
Media Events Publicized	18
Community Education Events	48
Adult HepB	101
Childhood Immunizations Given (Influenza not included)	736
H1N1 Immunizations Given (1/10)	864
Seasonal Influenza Immunizations Given	1055
Public Health Visits	1440
Public Health Clients	522
MCH Education Packets Provided	227

The Mission of the Juneau County Health Department is to protect and promote the health and prevent diseases and injuries through population-based services.

**Health Department Staff and Board of Health Members
Working to Fulfill the Mission**

Health Officer

Barbara Theis

Public Health Nurses

Polly Benish, Supervisor

Tina Sullivan

Judy Bass

Jodi Field

Tara Herritz

Community Health Educator

Jennifer Froh

Blair Weyer

Registered Dietitian

Kathy Nelson

Kristin Wolfe

Jamie Schlosser

Dietetic Tech

Lori Hadac

Clerical

Patti Crowder

Renee Miller

Annette Rattunde

Environmental Health

Joe Lally

Board of Health

John Wenum, Chair

Camp Douglas, WI

5/10 - present

Margaret Marchetti, Chair

Necedah, WI

4/92 – 4/10

Tom Brounacker

Mauston, WI

5/98 – present

Orville Robinson

Camp Douglas, WI

12/09- present

Natty Kranz, RN

Mauston, WI

12/98 – present

Dr. Keith Ness, MD

Mauston, WI

12/82 – present

Kathryn Noe, RN

Mauston, WI

4/02 – present

FISCAL REPORTS

Public Health Fiscal Report - Account #54190

Salaries and Fringes	\$384,445.39
General Expenditures	<u>177,647.16</u>
Total Expenditures	\$562,092.55
2010 County Appropriation	\$539,503.00
2010 Public Health Total Revenue	<u>\$ 42,290.32</u>
Total Public Health Funding	\$581,793.32
2010 Public Health Total Funding	\$581,793.32
2010 Public Health Expenditures	<u>\$562,092.55</u>
Total <u>APPLIED TO</u> the General Fund	\$ 19,700.77

Prevention Block Grant

Juneau County Health Department was awarded a Prevention Block Grant-3C (Community Environmental Health Hazard Control) in the amount of \$6,198. We allocated 100% of these grants to Sauk County Health Department to act as fiscal agent.

Radon Grant

A Radon Grant in the amount of \$7,676 was awarded to the Health Departments in Adams County, Sauk County, and Juneau County. Juneau County's portion of this grant was \$600. We allocated 100% of this grant to Sauk County Health Department to act as a fiscal agent.

Asbestos Grant

Did not receive funding in 2010.

Air Quality Grant

Did not receive funding in 2010.

Limited Agent Program

Facilities designated by the Department of Health and Family Services including campgrounds, hotels, motels, vending machines, etc. are inspected annually in Adams, Juneau, and Sauk Counties. The total grant to Adams, Juneau, and Sauk Counties was \$90,099.

Transient Non-Community Water Testing

A grant was received to provide yearly sampling of all transient non-community water systems for bacteria and nitrates in Adams, Juneau, and Sauk Counties. Juneau County's portion of this grant was in the amount of \$13,320.

Wisconsin Department of Agriculture and Consumer Protection Agent Retail Food Program

To assure safe and sanitary retail food facilities and retail food products, the Juneau County Health Department has been authorized to become the designated agent of the State of Wisconsin Department of Agriculture, Trade, and Consumer Protection for the purpose making investigations of retail food establishments. Juneau County's portion for the inspections conducted in Juneau County for 2010 was \$8,223.

Environmental Health and Blood Lead Screening Grants

Total Grant Funding \$ 8,679.64

EPSDT – Immunization* Reserve Account **(Previously known as the 0-99 Account)**

Balance on hand 12/31/09-Carryover to 2011 \$ 33,707.65

Tobacco Coalition Grant #54191

Total Grant Funding \$ 163,772.00

Wisconsin Medicaid Claiming Reimbursement (WIMCR)

Prenatal Care Reimbursement Received \$ 16,963.80

MCH/Day Care Grant #54192

Total Grant Funding \$ 15,020.00

Prenatal Care Coordination #54193

Balance On Hand 12/31/10 Carryover to 2011..... \$ 15,770.24

VIP Immunization Grant #54194

Total Grant Funding \$ 8,981.00

FACT Fundraising

Carryover to 2011 \$ 522.25

FACT Grant #54198

Total Grant Funding \$ 500.00

WIC Grant #54197

Total Grant Funding *..... \$ 294,894.00

*Includes ARRA-WIC, Farmer's Market and WIC Program

WIC Breastfeeding #54267

Total Grant Funding..... \$ 17,496.00

Donations to Breastfeeding Coalition

Carryover to 2011 \$ 50.00

WWWP Grant #54199

Total Grant Funding..... \$ 54,771.00

WWWP Screening Reserve Account #54621

Carryover to 2011 \$ 0.00

Children with Special Health Care Needs Grant #54201

Total Grant Funding..... \$ 1,500.00

Car Seat Grant #54202

Total Grant Funding..... \$ 989.78

Public Health Preparedness #54205

Total Grant Funding..... \$ 33,900.00

WWWP HIPAA Grant #54209

Carry over to 2011 \$ 10,989.35

First Breath Grant #54622

Total Funding \$ 1,880.00

Badger Care Plus Mini-Grants #54195

Total Grant Funding..... \$ 3,996.00

PHER I & II

Total Grant Funding in 2010.....	\$	29,917.00
----------------------------------	----	-----------

PHER III

Total Grant Funding in 2010.....	\$	27,038.00
----------------------------------	----	-----------

Seal-A-Smile #54210

Total Grant Funding in 2010.....	\$	17,869.92
----------------------------------	----	-----------

Immunizations ARRA Funds #54203

Total Grant Funding in 2010.....	\$	7,513.00
----------------------------------	----	----------

ARRA-Indoor Air #54208

Total Grant Funding in 2010.....	\$	5,400.00
----------------------------------	----	----------

Bioterrorism Consortium #54207

Total Grant Funding received.....	\$	5,500.00
-----------------------------------	----	----------

Seal-A-Smile

MA Carryover to 2011.....	\$	5,727.93
---------------------------	----	----------

TB Incentive Program

Carryover to 2011.....	\$	42.87
------------------------	----	-------

2009 WI WINS

Carryover to 2011.....	\$	2,836.57
------------------------	----	----------

Juneau, Wisconsin - 2011

	JUNEAU COUNTY	ERROR MARGIN	NATIONAL BENCHMARK*	WISCONSIN	RANK (OF 72)
HEALTH OUTCOMES					52
<i>Mortality</i>					53
Premature death — Years of potential life lost before age 75 per 100,000 population (age-adjusted)	7,047	5,921-8,173	5,564	6,230	
<i>Morbidity</i>					47
Poor or fair health — Percent of adults reporting fair or poor health (age-adjusted)	15%	11-19%	10%	12%	
Poor physical health days — Average number of physically unhealthy days reported in past 30 days (age-adjusted)	3.6	2.4-4.7	2.6	3.2	
Poor mental health days — Average number of mentally unhealthy days reported in past 30 days (age-adjusted)	2.8	1.8-3.8	2.3	3.0	
Low birthweight — Percent of live births with low birthweight (< 2500 grams)	6.0%	4.9-7.0%	6.0%	6.8%	
HEALTH FACTORS					62
<i>Health Behaviors</i>					60
Adult smoking — Percent of adults that report smoking ≥ 100 cigarettes and currently smoking	26%	19-34%	15%	21%	
Adult obesity — Percent of adults that report a BMI ≥ 30	29%	25-34%	25%	28%	
Excessive drinking — Binge plus heavy drinking	22%	15-30%	8%	25%	
Motor vehicle crash death rate — Motor vehicle crash deaths per 100,000 population	23	16-31	12	15	
Sexually transmitted infections — Chlamydia rate per 100,000 population	162		83	375	
Teen birth rate — Teen birth rate per 1,000 female population, ages 15-19	41	36-47	22	32	
<i>Clinical Care</i>					50
Uninsured adults — Percent of population under age 65 without health insurance	12%	9-14%	13%	11%	
Primary care providers — Ratio of population to primary care providers	760:1		631:1	744:1	
Preventable hospital stays — Hospitalization rate for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	85	79-91	52	61	
Diabetic screening — Percent of diabetic Medicare enrollees that receive HbA1c screening	87%	74-100%	89%	89%	
Mammography screening — Percent of female Medicare enrollees that receive mammography screening	71%	57-85%	74%	71%	
<i>Social & Economic Factors</i>					59
High school graduation — Percent of ninth grade cohort that graduates in 4 years	85%		92%	89%	
Some college — Percent of adults aged 25-44 years with some post-secondary education	47%		68%	63%	
Unemployment — Percent of population age 16+ unemployed but seeking work	9.8%	9.3-10.3%	5.3%	8.5%	
Children in poverty — Percent of children under age 18 in poverty	17%	13-21%	11%	14%	
Inadequate social support — Percent of adults without social/emotional support	21%	15-29%	14%	17%	
Single-parent households — Percent of children that live in household headed by single parent	27%		20%	29%	
Violent crime rate — Violent crime rate per 100,000 population	233		100	283	
<i>Physical Environment</i>					16
Air pollution-particulate matter days — Annual number of unhealthy air quality days due to fine particulate matter	4		0	5	
Air pollution-ozone days — Annual number of unhealthy air quality days due to ozone	0		0	1	
Access to healthy foods — Healthy food outlets include grocery stores and produce stands/farmers' markets	86%		92%	59%	
Access to recreational facilities — Rate of recreational facilities per 100,000 population	11		17	12	

* 90th percentile, i.e., only 10% are better

Note: Blank values reflect unreliable or missing data

Source URL: <http://www.countyhealthrankings.org/wisconsin/juneau>

DID YOU KNOW...

- Did you know without public health there would be no clean water or air.
- Did you know public health is responsible for creating tobacco-free public places and workplaces.
- Did you know public health is at work when a workplace or school provides healthy lunches.
- Did you know the health department prevents epidemics from spreading, such as tuberculosis (TB).
- Did you know that public health limits food-borne outbreaks from occurring.
- Did you know public health helps to provide immunizations to those without insurance.
- Did you know public health promotes healthy behavior by providing education, assistance, and support.
- Did you know public health assists people in obtaining state insurance; BadgerCare Plus, Medicaid.
- Did you know public health promotes healthy babies before and after birth with prenatal programs and maternal/child programs.
- Did you know public health encourages healthy eating habits in children with coordination with the WIC (Wisconsin Women, Infants, and Children) food program.
- Did you know that public health encourages transportation safety through car seat inspection programs.

Public health activities lay the groundwork for healthier communities. They protect us from diseases and injury and help us change behaviors that could cause us harm. There are many more programs, support, and assistance that your local health department can provide for you. To obtain more information about Juneau County Health Department call, 608-847-9373 Monday-Friday 8:00 a.m. - 4:30 p.m. or go to www.co.juneau.wi.gov under the health department link.